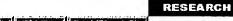
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## **Derwent Record**

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Derwent Title:

Treating hair, skin or nails cosmetics with near-infrared radiation before. during or after application so as to cause in situ polymerisation, crosslinking

and/or polymer modification

POriginal Title:

EP1116484A2: Treatment of a cosmetic with NIR-rays and its use

Assignee:

**BLUM R** Individual **DAUSCH W M** Individual **HOSSEL P** Individual JAWOREK T Individual KONIGER R Individual SANNER A Individual SCHWALM R Individual WITTELER H Individual **BASF AG** Standard company

Other publications from BASF AG (BADI)...

§ Inventor:

BLUM R; DAUSCH W M; HOESSEL P; HOSSEL P; JAWOREK T: KOENIGER R: KONIGER R: SANNER A:

SCHWALM R: WITTELER H:

Accession/

2001-572459 / 200335

Update:

A61K 7/00 ; A61K 7/06 ; A61K 41/00 ; A61K 7/02 ; A61K

7/032; A61K 7/04; A61K 7/075; A61K 7/08; A61K 7/09; A61K 7/13; A61K 7/40; A61K 7/42; A61K 7/48; A61K 31/765 : C08F 290/00 : C08F 291/00 : C08F 299/00 : C08J

3/28:

\*\*Derwent Classes:

A96; D21;

A10-B06(Irradiation addition (co)polymerisation), A10-D (Condensation polymerisation [other]), A10-E10(Chemical modification by electric discharge, ultrasonic treatment and irradiation), A11-C02B(Crosslinking with irradiation), A12-V04(Cosmetics, toilet requisites), D08-B(Cosmetic

preparations [general and others])

Derwent Abstract:

(EP1116484A) Novelty - Treatment of a cosmetic is by near infrared (NIR)

irradiation before, during or after application of the cosmetic.

Use - The product is a cosmetic obtained by NIR irradiation (ie. as a result of in-situ polymerisation or increase in mol. wt. of a polymer or changes in its properties) and is used for treatment of the skin, hair or nails. It is especially a permanent-waving preparation, hair-lotion, -rinse, -emulsion, -conditioner, -fixer, -spray, -mousse, -gel, growth agent or -dye, shampoo, leveller, hot oil preparation, antidandruff or anti-hair loss agent; a nail-care agent or nail lacquer; or a W/O or O/W day or night cream, eye-, face-, bleach-, vitamin- or antiwrinkle-cream, moisturiser, skin cleanser,

babycare product or decorative cosmetic (claimed).

Advantage - The dangers and lack of effectiveness associated with prior-art methods using eg UV, heat or oxidation are avoided; the NIR irradiation is unexpectedly effective with a wide range of monomers, pre-polymers and polymers present in the formulations.

Dwg.0/0

Family:

Derwent PDF Patent Pub. Date Pages Language IPC Code Update EP1116484A2 \* 2001-07-18 200165 30 German A61K 7/06 Des. States: (R) AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR Local appls.: <u>EP2000000127655</u> Filed:2000-12-18 (2000EP-0127655) 20030091602A1 = 2003-05-15200335 18 English A61K 7/00 Local appls.: JP2001<u>240512A2</u> = 2001-09-04 200165 English A61K 7/00 Local appls.: CN1307904A = 2001-08-15 200174 English A61K 41/00 Local appls.: CN2001000103375 Filed:2001-01-12 (2001CN-0103375) DE10000807A1 = 2001-07-19 200165 24 German A61K 7/00

§ INPADOC Legal Status:

Show legal status actions

First Claim:
Show all claims

1. Verfahren zur Behandlung eines kosmetischen Mittels, dadurch gekennzeichnet, daß das kosmetische Mittel vor, während oder nach der Applikation mit NIR-Strahlung behandelt wird.

Local appls.: DE2000001000807 Filed:2000-01-12 (2000DE-1000807)

Priority Number:

<b>Application Number</b>	Filed	Original Title
DE2000001000807	2000-01-12	

Fextended Polymer Index:

Show extended polymer index

Related Accessions:

Accession Number	Туре	Derwent Update	Derwent Title
C2001-170333	C		
1 item found			

TREAT HAIR SKIN NAIL COSMETIC INFRARED RADIATE AFTER APPLY SO CAUSE SITU POLYMERISE CROSSLINK POLYMER MODIFIED

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